

WHAT IS CLAIMED IS:

1. An image pickup apparatus comprising:
an image pickup unit for picking up an image of
an object;
5 a detection circuit for detecting a flicker;
and
a correction circuit for adjusting an image
pickup condition of said image pickup unit in
accordance with a detection result of said detection
10 circuit.

2. An image pickup apparatus according to claim
1, wherein the image pickup condition is a condition
for driving said image pickup unit.
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3. An image pickup apparatus according to claim
2, wherein, during a period other than a period
during which the amount of light that causes the
flicker is a predetermined value or smaller, said
20 correction circuit permits said image pickup unit to
accumulate photoelectric charges.

4. An image pickup apparatus according to claim
1, further comprising:
25 a light source for emitting light,
wherein the image pickup condition is a light
emission timing of said light source.

5. An image pickup apparatus according to claim
4, wherein, during the period during which the amount
of light that causes the flicker is the predetermined
value or smaller, said correction circuit permits
5 said light source to emit light.

6. An image pickup apparatus according to claim
4, wherein, during the period during which the amount
of light that causes the flicker is said
10 predetermined value or smaller, said correction
circuit increases the amount of light emitted by said
light source.

7. An image pickup apparatus according to claim
15 4, wherein said correction circuit makes a period of
the flicker and the period during which said image
pickup unit accumulates photoelectric charges,
substantially equal to each other.

20 8. An image pickup apparatus comprising:
an image pickup unit including a plurality of
photoelectric conversion units for picking up an
image of an object; and
a filter, arranged on said image pickup unit,
25 for reducing a light amount that causes a flicker.

9. An image pickup apparatus comprising:

an image pickup unit including a plurality of photoelectric conversion units for picking up an image of an object; and

5 a silicon member, arranged on said image pickup unit, that has a thickness of 50 to 100 μ m.

10. An image pickup apparatus comprising:

an image pickup unit for picking up an image of an object;

10 a light source, arranged on a side face of said image pickup unit;

a light shielding unit, arranged on said side face of said image pickup unit, for shielding light emitted by said light source; and

15 a light guiding member, arranged on said side face of said image pickup unit, for guiding said light emitted by said light source.